

Converting Colors

HunterLab(51.3281, 5.5445,
29.6071)

Have a look what the booklet for
HunterLab(51.3281, 5.5445,
29.6071) contains.

HunterLab(51.3281, 5.5445, 29.6071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.3281, 5.5445,
29.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	B48426
RGB	180, 132, 38
RGB Percent	71%, 52%, 15%
CMY	0.2941, 0.4823, 0.8510
CMYK	0.00, 0.27, 0.79, 0.29
HSL	40°, 65%, 43%
HSV	40°, 79%, 71%
XYZ	27.4235, 26.3457, 5.4735
YIQ	135.6360, 58.7820, -19.0580

Conversions

Conversions Part 2

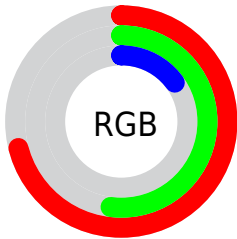
Format	Color
R _Y B	111, 180, 38
Decimal	11830310
CIE Lab	58.37, 9.86, 54.40
CIE LCh	58, 55.286, 79.730
Yxy	26.3471, 0.4629, 0.4447
Android (android.graphics.Color)	4290020390 (0xFFB48426)
YUV	135.6360, -48.1345, 38.9072
Hunter-Lab	51.3281, 5.5445, 29.6071

Details

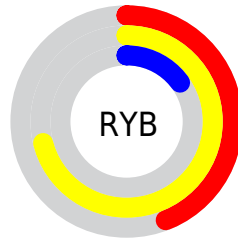
The HunterLab color **51.3281, 5.5445, 29.6071** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **32.1909, 12.2314, -59.4796**, and the grayscale version is **49.6437, -2.6489, 2.6972**.

A 20% lighter version of the original color is **73.4701, 5.4722, 37.3805**, and **32.2451, 5.9124, 19.9728** is the 20% darker color. If you saturate the color by 10%, you get **49.6541, 8.0075, 29.9464**, and if you desaturate by 10%, it is **53.0954, 3.3581, 28.5977**.

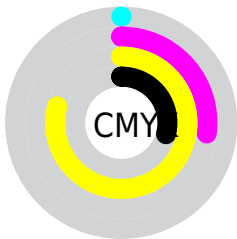
Distribution



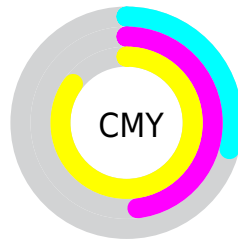
- Red (71%)
- Green (52%)
- Blue (15%)



- Red (44%)
- Yellow (71%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)
- Black (29%)



- Cyan (29%)
- Magenta (48%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3281, 5.5445, 29.6071 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.3281, 5.5445, 29.6071 by changing the saturation by 10% instead.

51.3281, 5.5445,
29.6071

51.3281, 5.5445,
29.6071

168.6658, 3.1023,
60.6200

41.3321, 5.5354,
25.3973

73.3719, 5.3522,
37.3907

32.0843, 5.4485,
20.9414

85.3386, 5.1695,
41.0282

23.6523, 5.2674,
16.5566

97.8933, 4.9350,
44.5310

16.1246, 4.9716,
11.2872

111.0096, 4.6525,
47.9194

9.6264, 4.5296,
6.7385

124.6644, 4.3255,
51.2099

0.0000, INF, NaN

0.0000, NaN, NaN

138.8372, 3.9565,

54.4163

0.0000, NaN, NaN

153.5099, 3.5481,
57.5498

0.0000, NaN, NaN

■ 51.3281, 5.5445,
29.6071

■ 51.3281, 5.5445,
29.6071

■ 49.6541, 8.0075,
29.9464

■ 53.0954, 3.3581,
28.5977

■ 48.0639, 10.7020,
29.7332

■ 54.9514, 1.4726,
26.8960

■ 47.8905, 11.0060,
29.7026

■ 56.8953, -0.1082,
24.5047

■ 58.9241, -1.3848,
21.4403

■ 61.0347, -2.3628,
17.7288

■ 63.2234, -3.0515,
13.4014

■ 65.4868, -3.4623,
8.4926

■ 67.8211, -3.6083,
3.0377

■ 70.2229, -3.5033,
-2.9277

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3294, 29.7535, 25.9199



51.3281, 5.5445, 29.6071



51.3294, -17.0849, 28.9816

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.3294, 5.5420, 29.6076



51.3294, -38.6435, -13.8853



51.3294, 36.3633, -33.3540

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.3281, 5.5445, 29.6071



32.1909, 12.2314, -59.4796

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.3294, 13.3732, -56.1474



51.3281, 5.5445, 29.6071



51.3294, -28.7419, -41.8529

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.3294, 5.5420, 29.6076



51.3294, -39.9812, 9.8640



51.3294, -10.5310, -59.8111



51.3294, 49.5480, -5.4511

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.3281, 5.5445, 29.6071



51.3294, -28.4845, 26.0364



51.3294, -10.5310, -59.8111



51.3294, 29.3517, -42.3129

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.3294, 5.5420, 29.6076



83.4936, -3.6441, 21.3641



34.3355, 50.4610, 6.2099



38.3393, -1.5286, 10.8534



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.3294, 5.5420, 29.6076



65.1993, 13.5862, 40.1049



63.3424, -23.7450, 36.8989



30.6809, -1.6189, 4.0887



40.1689, 8.8848, 24.9074



7.8122, 0.3110, 4.8193

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.1909, 12.2314, -59.4796



35.8850, 29.2172, -106.7365



23.7081, 39.4707, -92.6855



29.4687, -1.4831, -0.9939



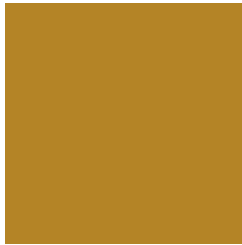
21.7495, 19.1009, -68.4184



5.0938, 0.7038, -7.8861

Previews

White Background



This preview shows how the HunterLab color 51.3281, 5.5445, 29.6071 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.3281, 5.5445, 29.6071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.3281, 5.5445, 29.6071 Background



This preview shows how black text looks on a background with the HunterLab color 51.3281, 5.5445, 29.6071.



This preview shows how white text looks on a background with the HunterLab color 51.3281, 5.5445,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.3281, 5.5445, 29.6071

Protanopia

51.4510, -6.7463, 29.2724

Deuteranopia

51.2404, 3.8737, 29.6167



Tritanopia

51.2820, 20.1308, 6.2967

Trichromacy



Original Color

51.3281, 5.5445, 29.6071

Protanomaly

51.4105, -2.5402, 29.4208

Deuteranomaly

51.3552, 4.2581, 29.6987

Tritanomaly

50.9842, 13.8237, 18.2205

Monochromacy



Original Color

51.3281, 5.5445, 29.6071

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.9234, -1.8651, 16.4113

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3281, 5.5445, 29.6071 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 132, 38)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 38)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 132, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3281, 5.5445, 29.6071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 132, 38) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 132, 38) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(180, 132, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 132, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 132, 38);  
box-shadow:4px 4px 4px 4px rgb(180, 132,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3281, 5.5445, 29.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 38) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180,  
132, 38) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor